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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended December 30, 1988 NO. 52

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/30/88	Last Week Ending: 12/23/88	Last Year Week Ending: 01/01/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,397	13,321	13,335	76	62
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	84.1	83.7	85.0		
Motor Gasoline					
Total motor gasoline production	7,266	7,359	7,123	-93	143
Finished leaded motor gasoline production	1,048	1,235	1,623	-187	-575
Finished unleaded motor gasoline production	6,218	6,124	5,500	94	718
Total motor gasoline stocks	229,568	222,000	227,375	7,568	2,193
Finished leaded motor gasoline stocks	40,991	39,407	54,356	1,584	-13,365
Finished unleaded motor gasoline stocks	149,569	144,093	135,136	5,476	14,433
Jet Fuel Kerosine					
Jet fuel kerosine production	1,333	1,197	1,264	136	69
Jet fuel kerosine stocks	37,947	36,917	43,666	1,030	-5,719
Distillate Fuel Oil					
Distillate fuel oil production	3,109	3,180	3,309	-71	-200
Distillate fuel oil stocks	126,432	125,371	136,547	1,061	-10,115
Residual Fuel Oil					
Residual fuel oil production	1,065	1,026	1,004	39	61
Residual fuel oil stocks	45,174	44,216	46,289	958	-1,115
Imports					
Crude oil imports	5,674	4,721	4,538	953	1,136
Product imports	2,637	2,827	2,217	-190	420
Crude Oil Stocks					
Crude oil stocks	334,416	337,154	350,510	-2,738	-16,094
Crude Supply Balance	-549				

*See definitions on page 6

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FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,527*	1,174*	1,175*	1,380	85.1*
Appal. No. 1	111	104	107	107	100.0
DISTRICT 1 TOTAL	1,638*	1,278*	1,282*	1,487	86.2*
Ind., Ill., Ky.	2,218	1,957	1,992	2,254	88.4
Minn., Wisc., Daks.	324	312	312	312	100.0
Okla., Kans., Mo.	765	690	699	718	97.4
DISTRICT 2 TOTAL	3,307	2,959	3,003	3,284	91.4
Inland Texas	496	459	461	569	81.0
Texas Gulf Coast	3,161*	2,859*	2,859*	3,580	79.9*
La. Gulf Coast	2,607	2,385	2,392	2,908	82.3
N. La. and Ark.	179	164	164	252	65.1
New Mexico	82	70	71	76	93.4
DISTRICT 3 TOTAL	6,525*	5,937*	5,947*	7,385	80.5*
DISTRICT 4 TOTAL	467	437	441	535	82.4
DISTRICT 5 TOTAL	2,802	2,682	2,724	3,231	84.3
TOTAL U.S.	14,739	13,293	13,397	15,922	84.1
TOTAL U.S. Weeks Ended:					
DEC. 23, 1988	14,443*	13,259*	13,321*	15,922	83.7*
JAN. 1, 1988	14,484	13,184	13,335	15,697	85.0
DISTRICTS 1-4 Weeks Ended:					
DEC. 30, 1988	11,937	10,611	10,673	12,691	84.1
DEC. 23, 1988	11,688*	10,591*	10,607*	12,691	83.6*
JAN. 1, 1988	11,816	10,609	10,746	12,438	86.4

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 30, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	648	63	585	31	45	394	149
Appal. No. 1	38	4	34	--	--	34	5
DISTRICT 1 TOTAL	686	67	619	31	45	428	154
Ind., Ill., Ky.	1,241	117	1,124	9	117	503	77
Minn., Wisc., Daks.	182	40	142	2	15	87	7
Okla., Kans., Mo.	402	114	288	12	52	175*	12
DISTRICT 2 TOTAL	1,825	271	1,554	23	184	765*	96
Inland Texas	345	71	274	25	32	139	17
Texas Gulf Coast	1,523*	142	1,381*	25	332	616	243*
La. Gulf Coast	1,307	163	1,144	15	327	525	180
N. La. and Ark.	58	12	46	5	--	58	9
New Mexico	40	15	25	8	2	16	--
DISTRICT 3 TOTAL	3,273*	403	2,870*	78	693	1,354	449*
DISTRICT 4 TOTAL	228	71	157	10	28	118	11
DISTRICT 5 TOTAL	1,254	236	1,018	63	383	444	355
TOTAL U.S.	7,266	1,048	6,218	205	1,333	3,109	1,065
TOTAL U.S. Weeks Ended:							
DEC. 23, 1988	7,359*	1,235	6,124*	210	1,197	3,180*	1,026*
JAN. 1, 1988	7,123	1,623	5,500	183	1,264	3,309	1,004
DISTRICTS 1-4 Weeks Ended:							
DEC. 30, 1988	6,012	812	5,200	142	950	2,665	710
DEC. 23, 1988	6,079*	924	5,155*	153	837	2,726*	644*
JAN. 1, 1988	5,849	1,280	4,569	140	933	2,866	567

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,502*	205	3,296*	1	138	396	6,073*	920	--
Central Atlantic	28,366*	3,266	20,825	4,275*	628	4,331	29,573	16,617*	11,692*
Lower Atlantic	28,786	5,242	23,332	212	345	4,717	16,832	2,215	384
DISTRICT 1 TOTAL	60,654*	8,713	47,453*	4,488*	1,111	9,444	52,478*	19,752*	12,076*
DISTRICT 2 TOTAL	61,221*	13,501	39,928*	7,792	769	7,694	30,784*	3,191	14,930
DISTRICT 3 TOTAL	67,611*	10,197	41,662*	15,752	1,829	13,202	27,461*	12,863	47,536*
DISTRICT 4 TOTAL	7,327	1,965	3,169	2,193	357	761	2,751	672	1,905
DISTRICT 5 TOTAL	32,755	6,615	17,357	8,783	2,247	6,846	12,958	8,696	23,498
TOTAL U.S.	229,568	40,991	149,569	39,008	6,313	37,947	126,432	45,174	99,945
TOTAL U.S. Weeks Ended:									
DEC. 23, 1988	222,000*	39,407	144,093*	38,500*	6,319	36,917	125,371*	44,216*	104,105*
JAN. 1, 1988	227,375	54,356	135,136	37,883	7,217	43,666	136,547	46,289	92,013
DISTRICTS 1-4 Weeks Ended:									
DEC. 30, 1988	196,813	34,376	132,212	30,225	4,066	31,101	113,474	36,478	76,447
DEC. 23, 1988	190,821*	32,908	128,003*	29,910*	4,344	29,521	112,245*	36,264*	79,673*
JAN. 1, 1988	197,877	47,113	120,739	30,025	5,542	36,516	125,148	37,726	69,533

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 30, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy August 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 30, 1988	4,856.0	4,960.0	5,538	667	255,227
DEC. 23, 1988	4,856.0	--	4,549*	620*	256,082*
DEC. 16, 1988	4,856.0	--	4,482	713	260,115
DEC. 9, 1988	4,856.0	--	6,212	652	261,639
DISTRICT 5 TOTAL					
DEC. 30, 1988	3,108.0	3,074.0	136	--	79,189 #
DEC. 23, 1988	3,108.0	--	172	24	81,072*
DEC. 16, 1988	3,108.0	--	229	15	80,223
DEC. 9, 1988	3,108.0	--	215	14	82,426
TOTAL U.S.					
DEC. 30, 1988	7,964.0	8,034.0	5,674	667	334,416 #
DEC. 23, 1988	7,964.0	--	4,721*	644*	337,154*
DEC. 16, 1988	7,964.0	--	4,711	728	340,338
DEC. 9, 1988	7,964.0	--	6,427	666	344,065
JAN. 1, 1988	8,318.0 a/	--	4,538	527	350,510

#INCLUDES 21,049 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

a/ DOE actual for December 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
DEC. 30, 1988	-549	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 30, 1988	15,899	70,520	157,005	11,803	255,227	79,189 #	334,416 #
DEC. 23, 1988	15,444*	70,885*	157,926*	11,827	256,082*	81,072*	337,154*
JAN. 1, 1988	15,968	71,910	162,266	12,753	262,897	87,613	350,510

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	110	--	110	92	--	--	140	150	3	--	11	506
Central Atlantic	68	--	68	77	--	95	141	531	43	105	65	1,125
Lower Atlantic	--	--	--	--	--	--	--	148	--	--	9	157
DISTRICT 1 TOTAL												
DEC. 30, 1988	178	--	178	169	--	95	281	829	46	105	85	1,788
DEC. 23, 1988	349	--	349	34	--	70	317	1,254	21	89	28	2,162
DEC. 16, 1988	257	7	250	24	--	41	293	707	32	213	128	1,695
DEC. 9, 1988	465	14	451	109	--	42	553	1,033	77	130	125	2,534
DISTRICTS 2-4 TOTAL												
DEC. 30, 1988	4	--	4	7	3	14	9	32	205	111	400	785
DEC. 23, 1988	11	--	11	3	3	11	5	30	120	106	295*	584*
DEC. 16, 1988	6	--	6	6	3	6	8	18	188	168	161	564
DEC. 9, 1988	47	--	47	--	3	7	10	24	164	92	38	385
DISTRICT 5 TOTAL												
DEC. 30, 1988	17	--	17	--	--	13	2	25	7	--	--	64
DEC. 23, 1988	29	--	29	--	--	20	4	17	6	--	5	81
DEC. 16, 1988	16	--	16	--	--	11	4	10	18	--	--	59
DEC. 9, 1988	28	--	28	--	--	11	6	14	31	--	65	155
TOTAL U.S.	199	--	199	176	3	122	292	886	258	216	485	2,637
TOTAL U.S. Weeks Ended:												
DEC. 23, 1988	389	--	389	37	3	101	326	1,301	147	195	328*	2,827*
DEC. 16, 1988	279	7	272	30	3	58	305	735	238	381	289	2,318
DEC. 9, 1988	540	14	526	109	3	60	569	1,071	272	222	228	3,074
JAN. 1, 1988	227	9	218	54	32	79	215	507	370	428	305	2,217

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 30, 1988

REVISIONS

12/16/88	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,210
			DISTRICT 3 TOTAL	6,609
			TOTAL U.S.	14,699
			DISTRICTS 1-4	11,888
		CRUDE OIL RUNS	TEXAS GULF COAST	2,880
			DISTRICT 3 TOTAL	6,016
			TOTAL U.S.	13,547
			DISTRICTS 1-4	10,760
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,881
			DISTRICT 3 TOTAL	6,032
			TOTAL U.S.	13,608
			DISTRICTS 1-4	10,813
		% OPERABLE	TEXAS GULF COAST	80.5
			DISTRICT 3 TOTAL	81.7
			TOTAL U.S.	85.5
			DISTRICTS 1-4	85.2
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,750
			DISTRICT 3 TOTAL	3,327
			TOTAL U.S.	7,374
			DISTRICTS 1-4	6,041
		UNLEADED MGAS	TEXAS GULF COAST	1,549
			DISTRICT 3 TOTAL	2,883
			TOTAL U.S.	6,208
			DISTRICTS 1-4	5,194
12/23/88	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,466
			DISTRICT 1 TOTAL	1,577
			TEXAS GULF COAST	3,078
			DISTRICT 3 TOTAL	6,437
			TOTAL U.S.	14,443
			DISTRICTS 1-4	11,688
		CRUDE OIL RUNS	EAST COAST	1,176
			DISTRICT 1 TOTAL	1,283
			TEXAS GULF COAST	2,799
			DISTRICT 3 TOTAL	5,895
			TOTAL U.S.	13,259
			DISTRICTS 1-4	10,591
		INPUT TO CRUDE OIL	EAST COAST	1,176
			DISTRICT 1 TOTAL	1,283
			TEXAS GULF COAST	2,794
			DISTRICT 3 TOTAL	5,886
			TOTAL U.S.	13,321
			DISTRICTS 1-4	10,607
		% OPERABLE	EAST COAST	85.2
			DISTRICT 1 TOTAL	86.3
			TEXAS GULF COAST	78.0

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 30, 1988

REVISIONS

		DISTRICT 3 TOTAL	79.7
		TOTAL U.S.	83.7
		DISTRICTS 1-4	83.6
PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,688
		DISTRICT 3 TOTAL	3,259
		TOTAL U.S.	7,359
		DISTRICTS 1-4	6,079
	UNLEADED MGAS	TEXAS GULF COAST	1,477
		DISTRICT 3 TOTAL	2,720
		TOTAL U.S.	6,124
		DISTRICTS 1-4	5,155
	DISTILLATE FUEL	OKLA., KANS., MO.	171
		DISTRICT 2 TOTAL	724
		TOTAL U.S.	3,180
		DISTRICTS 1-4	2,726
	RESIDUAL FUEL	TEXAS GULF COAST	270
		DISTRICT 3 TOTAL	393
		TOTAL U.S.	1,026
		DISTRICTS 1-4	644
PAGE 3	TOTAL MGAS	NEW ENGLAND	3,382
		CENTRAL ATLANTIC	27,505
		DISTRICT 1 TOTAL	58,854
		DISTRICT 2 TOTAL	60,414
		DISTRICT 3 TOTAL	64,439
		TOTAL U.S.	222,000
		DISTRICTS 1-4	190,821
	UNLEADED MGAS	NEW ENGLAND	3,182
		DISTRICT 1 TOTAL	46,059
		DISTRICT 2 TOTAL	40,638
		DISTRICT 3 TOTAL	38,354
		TOTAL U.S.	144,093
		DISTRICTS 1-4	128,003
	BLENDING COMPS	CENTRAL ATLANTIC	4,109
		DISTRICT 1 TOTAL	4,322
		TOTAL U.S.	38,500
		DISTRICTS 1-4	29,910
	DISTILLATE FUEL	NEW ENGLAND	6,377
		DISTRICT 1 TOTAL	52,690
		DISTRICT 2 TOTAL	28,971
		DISTRICT 3 TOTAL	28,015
		TOTAL U.S.	125,371
		DISTRICTS 1-4	112,245
	RESIDUAL FUEL	CENTRAL ATLANTIC	16,119
		DISTRICT 1 TOTAL	19,242
		TOTAL U.S.	44,216

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 30, 1988

REVISIONS

	UNFINISHED OILS	DISTRICTS 1-4	36,264
		CENTRAL ATLANTIC	12,622
		DISTRICT 1 TOTAL	13,018
		DISTRICT 3 TOTAL	49,242
		TOTAL U.S.	104,105
		DISTRICTS 1-4	79,673
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,549
		TOTAL U.S.	4,721
	CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	620
		TOTAL U.S.	644
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	256,082
		DISTRICT 5 TOTAL	81,072
		TOTAL U.S.	337,154
	ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	27,101
PAGE 4 B	TOTAL	PAD DISTRICT 1	15,444
		PAD DISTRICT 2	70,885
		PAD DISTRICT 3	157,926
		TOTAL PAD DISTRICTS 1-4	256,082
		PAD DISTRICT 5	81,072
		TOTAL U.S.	337,154
PAGE 5	OTHER	DISTRICTS 2-4 TOTAL	295
		TOTAL U.S.	328
	TOTAL	DISTRICTS 2-4 TOTAL	584
		TOTAL U.S.	2,827